

Exceed™ 0019 IM

Metallocene Polyethylene Resin

Product Description

Exceed 0019 IM is a narrow molecular weight Metallocene Ethylene-Hexene Copolymer designed for injection molding applications that require easy processability. This resin offers outstanding organoleptic properties and excellent toughness and tear resistance in freezer applications for food packaging.

General

Applications	▪ Closures ▪ Dispensers ▪ Housewares	▪ Kitchenwares ▪ Lids ▪ Protective Caps	▪ Seals
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Resin Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Density	0.918 g/cm ³	0.918 g/cm ³	ExxonMobil Method
Melt Index (190°C/2.16 kg)	19 g/10 min	19 g/10 min	ASTM D1238
Thermal	Typical Value (English)	Typical Value (SI)	Test Based On
Vicat Softening Temperature	203 °F	95 °C	ASTM D1525
Peak Melting Temperature	237 °F	114 °C	ASTM D3418
Molded Properties	Typical Value (English)	Typical Value (SI)	Test Based On
Tensile Strength at Yield			ASTM D638
2.0 in/min (50 mm/min)	1500 psi	10 MPa	
Elongation at Break	690 %	690 %	ExxonMobil Method
Flexural Modulus			ASTM D790
1% Secant	51000 psi	350 MPa	
2% Secant	45000 psi	310 MPa	
Environmental Stress-Crack Resistance			ASTM D1693B
10% Igepal, F50	10 hr	10 hr	

